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FROM: Gwilym J.O. Attwell

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OF PAGES (INCLUDING COVER): 18

FILE NAME: ISIS0001-100

DATE: October 23, 2003

FILE #: 140129

RECIPIENT(S)	PHONE	FAX
USPTO		703-872-9306

MESSAGE: OFFICIAL FAX!

Serial No.: 10/664,639 Filing Date: September 18, 2003

Attachments: Transmittal form (1 sheet)

Fee Transmittal (w/auth to charge deposit acct) (dupl)

Preliminary Amendment

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PTO/SB/21 (05-03)

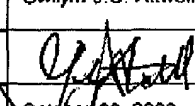
Approved for use through 04/30/2003, OMB 0651-0031

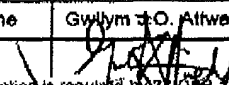
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TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i>	Application Number	10/664,639	
	Filing Date	September 18, 2003	
	First Named Inventor	Vickers et al.	
	Art Unit	Not yet determined	
	Examiner Name	Not yet determined	
Total Number of Pages in This Submission	17	Attorney Docket Number	ISIS0001-100(CORE0027US)

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment / Response <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below)
Remarks Authorization to Charge Deposit Account (See Fee Transmittal):		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Gwilym J.O. Atwell, PTO Regis. No. 46,449
Signature	
Date	October 23, 2003

CERTIFICATE OF FACSIMILE TRANSMISSION			
I hereby certify that this correspondence is being facsimile transmitted to 703.872.9306, to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.			
Typed or printed name	Gwilym J.O. Atwell	Date	October 23, 2003
Signature			

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**FEE TRANSMITTAL
for FY 2004**

Effective 10/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT (\$)** 36.00**Complete if Known**

Application Number	10/554,538
Filing Date	September 18, 2003
First Named Inventor	Vickers et al.
Examiner Name	Not yet determined
Art Unit	Not yet determined
Attorney Docket No.	IS/50001-100(CORE0027US)(140129)

METHOD OF PAYMENT (check all that apply)☐ Check ☐ Credit card ☐ Money ☐ Other ☐ None☒ Deposit Account:Deposit
Account
Number

50-1275

Deposit
Account
Name

Cozen O'Connor

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments
☒ Charge any additional fee(s) during the pendency of this application
☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.
FEE CALCULATION**1. BASIC FILING FEE**

Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1001	770	2001	385			Utility filing fee	
1002	340	2002	170			Design filing fee	
1003	530	2003	265			Plant filing fee	
1004	770	2004	385			Reissue filing fee	
1005	160	2005	80			Provisional filing fee	

SUBTOTAL (1)

(\$) 0

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Extra Claims	Fee from below	Fee Paid
84	-82	2	38
Independent Claims			
12	-12	0	0
Multiple Dependent			

Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description
1202	18	2202	9			Claims in excess of 20
1201	88	2201	43			Independent claims in excess of 3
1203	290	2203	145			Multiple dependent claim, if not paid
1204	86	2204	43			** Reissue independent claims over original patent
1205	18	2205	9			** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2)

(\$) 36.00

*For number previously paid, if greater. For Reissues, see above

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1051	130	2051	65			Surcharge - late filing fee or oath	
1052	50	2052	25			Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130			Non-English specification	
1812	2,520	1812	2,520			For filing a request for reexamination	
1804	920*	1804	920*			Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*			Requesting publication of SIR after Examiner action	
1251	110	2251	55			Extension for reply within first month	
1252	420	2252	210			Extension for reply within second month	
1253	950	2253	475			Extension for reply within third month	
1254	1,480	2254	740			Extension for reply within fourth month	
1255	2,010	2255	1,005			Extension for reply within fifth month	
1401	330	2401	165			Notice of Appeal	
1402	330	2402	165			Filing a brief in support of an appeal	
1403	280	2403	145			Request for oral hearing	
1451	1,510	1451	1,510			Petition to institute a public use proceeding	
1452	110	2452	55			Petition to revive - unavoidable	
1453	1,330	2453	665			Petition to revive - unintentional	
1601	1,330	2501	665			Utility issue fee (or reissue)	
1602	480	2502	240			Design issue fee	
1503	640	2503	320			Plant issue fee	
1450	130	1450	130			Petitions to the Commissioner	
1807	50	1807	50			Processing fee under 37 CFR 1.17 (g)	
1806	180	1806	180			Submission of Information Disclosure Stmt	
8021	40	8021	40			Recording each patent assignment per property (times number of properties)	
1809	770	2809	385			Filing a submission after final rejection (37 CFR § 1.129(e))	
1810	770	2810	385			For each additional invention to be examined (37 CFR § 1.129(b))	
1801	770	2801	385			Request for Continued Examination (RCE)	
1802	800	1802	800			Request for expedited examination of a design application	

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

(\$)

SUBMITTED BY

Name (Print/Type)	Gailym J.C. Athall	Registration No. (Attorney/Agent)	45,448	Telephone	215 665 6004
Signature		Date	October 23, 2003		

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FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 35.00

Complete if Known

Application Number 10/864,639
Filing Date September 18, 2003
First Named Inventor Vickers et al.
Examiner Name Not yet determined
Art Unit Not yet determined
Attorney Docket No. ISIS0001-100(CORE6027US)(140129)

METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account:

Deposit Account Number 50-1275

Deposit Account Name Cozen O'Connor

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments
☒ Charge any additional fee(s) during the pendency of this application
☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
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1002	340	2002	170	Design filing fee	
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1004	770	2004	385	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	

SUBTOTAL (1)

(\$ 0)

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

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Independent Claims	12	0	0
Multiple Dependent			

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1202	18	2202	9	Claims in excess of 20	
1201	88	2201	43	Independent claims in excess of 3	
1203	280	2203	145	Multiple dependent claim, if not paid	
1204	88	2204	43	** Release independent claims over original patent	
1205	18	2205	9	** Release claims in excess of 20 and over original patent	

SUBTOTAL (2)

(\$ 36.00)

*for number previously paid, if greater. For Reissues, see above

FEE CALCULATION (continued)

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1061	130	2061	65	Surcharge - late filing fee or oath	
1062	50	2062	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	2053	65	Non-English specification	
1812	2,520	1812	2,520	For filing a request for reexamination	
1804	820*	1804	820*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
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1403	290	2403	145	Request for oral hearing	
1451	1,510	2451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,330	2453	665	Petition to revive - unintentional	
1501	1,330	2501	665	Utility issue fee (or release)	
1502	480	2502	240	Design issue fee	
1503	640	2503	320	Plant issue fee	
1460	130	2460	130	Petitions to the Commissioner	
1807	80	2807	80	Processing fee under 37 CFR 1.17 (c)	
1806	180	2806	180	Submission of Information Disclosure Sheet	
8021	40	2821	40	Recording each patent assignment per property (limited number of properties)	
1809	770	2809	385	Filing a submission after final rejection (37 CFR § 1.128(a))	
1810	770	2810	385	For each additional invention to be examined (37 CFR § 1.128(b))	
1801	770	2801	385	Request for Continued Examination (RCE)	
1802	900	2802	900	Request for expedited examination of a design application	

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

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SUBMITTED BY

Name (Print/Type) Guyton J.G. Arnold Registration No. (Attorney/Agent) 45,449 Telephone 215.665.8904
Signature [Signature] Date October 23, 2003

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DOCKET NO.: ISIS0001-100 (CORE0027US)

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventors: **Vickers et al.**

Serial No.: **10/664,639**

Group Art Unit: **Not Yet Determined**

Filed: **September 18, 2003**

Examiner: **Not Yet Determined**

Title: **EFFICIENT REDUCTION OF TARGET RNA'S BY SINGLE- AND
DOUBLE-STRANDED OLIGOMERIC COMPOUNDS**

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On October 23, 2003


Gwilym John Owen Atwell, Reg. No. 45,449

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

PRELIMINARY AMENDMENT

Prior to examination on the merits, Applicants respectfully request that the application be
amended as follows.

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